# VIRTUAL CLUSTERING AND LOAD BALANCING SERVERS

## ABSTRACT OF THE DISCLOSURE

A method and system is provided intelligent network dispatchers that are capable of routing requests to one or more servers (e.g., LDAP servers) based on the requested application or the identity of the requester. The servers may be grouped into virtual clusters so that a particular cluster may service requests associated with a particular application or based on a type of customer (e.g., preferred or general customer) in order to grade levels of service. Also, a system resource monitor may provide continual monitoring of servers in virtual clusters to determine when one or more servers are overburdened or under burdened based on statistical performance data. As a servers performance changes, the system resource monitor may advise the intelligent network dispatcher causing a change in the rate of requests to the overburdened/under burdened server. The server may be temporarily removed from the virtual cluster until performance levels normalize. Further, servers may be re-assigned to other virtual clusters on demand to provide increased capacity to a virtual cluster.